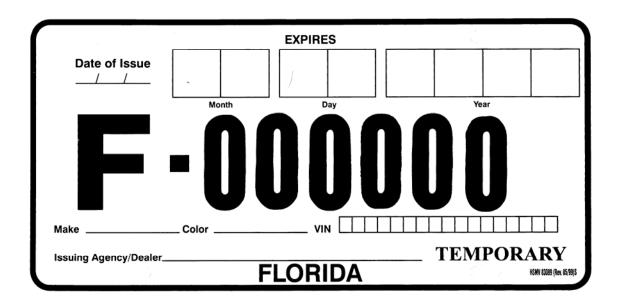# ELECTRONIC TEMPORARY REGISTRATION

PROGRAM SPECIFICATIONS

Modification Date: 10/23/08

EXHIBIT C

DEPARTMENT OF HIGHWAY SAFETY AND MOTOR VEHICLES INFORMATION SYSTEMS ADMINISTRATION

SOFTWARE SERVICES

ELECTRONIC TEMPORARY REGISTRATION SYSTEM

The Electronic Temporary Registration (ETR) System will provide a technical means for issuance of temporary license plates to be recorded real-time on the DHSMV database. The ability to provide this information will greatly enhance law enforcement efforts. This document represents the work effort that is needed in Software Services. The connectivity, input and outputs will also be discussed. Any connectivity or security issues will be addressed with final approval granted by the ISA security manager and the network manager.

The ETR interface will use Web Service technology. Web Services provide a "behind the scenes" call from one software application to another utilizing http(s), XML and SOAP protocols (as utilized by DHSMV). Web Services are generally platform independent.

Upon acceptance as an ETR provider, a WSDL (Web Service Definition Language) configuration file will be provided. This file is generally used by client development environments to automatically configure the communication layer. Accessing a web service is frequently referred to as "consuming" a web service. The DHSMV will "publish" the Web Service for use by the ETR provider(s).

Within the web service call, the actual data for a given transaction will be passed within a very basic pipe-delimited (label and value pairs) or XML string. This will be done to allow more flexibility with software releases that require changes to the parameters.

COMMUNICATION

Without any type of protection or encryption packets of information would be visible and open to all. Due to the nature of the information that will be exchanged, all communication will be protected by Secure Sockets Layer (SSL) protocol. More information will be provided to each vendor if it is needed.

Reaching the Web Service

The current WSDL file can be found at:

https://www5.hsmv.state.fl.us/TempTag/services/WebServiceInitialize/wsdl/WebServiceInitialize.wsdl

However, as this is an automatically generated file, some minor adjustments will have to be made to invoke the web service. In particular, the actual server address location will need to be updated per instruction from the DHSMV web service technical support team.

The way this file is consumed by the vendor application will be different according to the language used. Some programming languages may refer to the above link directly, while others may need the file to be saved locally first with the necessary server adjustments already made.

Web Service Actions

The web service contains several actions that may be performed. In order to offer the most flexibility within the web service, a single method is now called that will act as a "router" of transactions. Any new development should use this new action router.

The web service operation is named "wsActionRouter". Other web service operations are deprecated, and should be ignored as each is available for transition purposes only.

Each action, inquiry or update, will be activated through this web service method. The necessary parameters for performing an action are:

Parameter	Type	Description
UserId	String	Unique User id assigned by the Department to authenticate each consumer of the web service.
Password	String	Password initially assigned by the Department, but may be changed at the web service consumer's discretion.
ActionType	String	Identifies the type of action to be performed.
XmlData	String	Contains the necessary business data for performing the desired action. The data parameter lists are described in detail in subsequent pages of this document. This is an xml string.

The result of the invocation of each action will be a String output named **wsActionResponse**. The output will contain an xml string with an error code if the action failed to execute due to a technical reason. Otherwise, an xml string will be returned with various data depending on the type of action and the result.

The action type consists of a two characters. Detailed descriptions of each of these action types are below. The following are valid transaction types:

Action	Description
CS	Customer Search
VQ	Vehicle and Customer Query
IS	Issuance
VD	Void
LS	Log Search
SC	Status Check

The valid error codes for the execution of the web service action are:

Error	Description
EX-NQ000	No or Null Input String
EX-VL000	Error validating User and Password
EX-VL001	Null or other error checking Password
EX-VL002	Invalid format for username or password
EX-VL003	User not properly configured

Other error codes exist for the result of the action (i.e. if there is a problem with the XML Data). The above error codes just apply to the running of the web service method itself.

Only populated elements need to be passed to the web service. All other parameters will be considered to be null. Output parameters will be returned in a single output XML string. Any parameters not returned in the output string should be considered null.

Simple XML is all that is necessary to interface. The below is a simple example of what should be passed. This is a non-working example. Use the information supplied to you by your DHSMV contact for actual testing purposes.
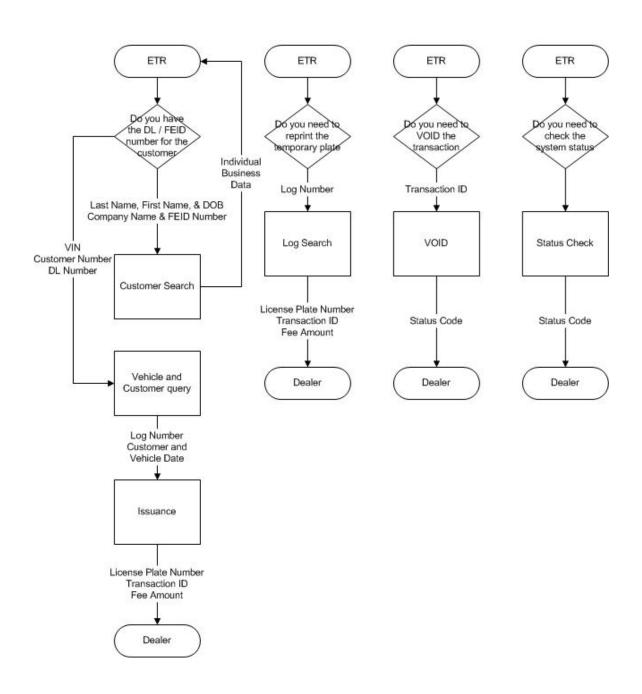
Example of parameters sent to the wsActionRouter web service method:

UserId	*********	Assigned by DHSMV
Password	*********	Assigned by DHSMV
ActionType	CS	Type of desired action

XmlData	`<?xml version="1.0"?>`
	`<DEALER_TEMP_TAG_SEARCH_INPUT>`
	`<LAYOUT_VERSION>1.1</LAYOUT_VERSION>`
	`<LAST_NAME>SMITH</LAST_NAME>`
	`<FIRST_NAME>BOBBY</FIRST_NAME>`
	`<DOB>19651203</DOB>`
	`<LIC_NUM>1234567</LIC_NUM>`
	`<LIC_TYPE_CD>VI</LIC_TYPE_CD>`
	`<LIC_SFX>1</LIC_SFX>`
	`<ACCT_NUM>12345</ACCT_NUM>`
	`<DLR_ACTION_CD>QU</DLR_ACTION_CD>`
	`<PIN>1234</PIN>`
	`<BEGIN_REC_NUM>1</BEGIN_REC_NUM>`
	`<END_REC_NUM>10</END_REC_NUM>`
	`</DEALER_TEMP_TAG_SEARCH_INPUT>`
		XML of the necessary information to perform the action.

Each transaction XML has an optional label at the beginning and end. In the above example, this is the label "<DEALER_TEMP_TAG_SEARCH_INPUT>". This label is only used for quick reference when visually reviewing the xml during the development stage, and has not effect on the actual transaction.

The LAYOUT_VERSION field also has no direct impact. This value may change when a significant change is made to the input or output, but is only a documentation field.

Electronic Temporary Registration

```
  ┌─────────┐              ┌─────────┐        ┌─────────┐        ┌─────────┐
  │   ETR   │◄──┐          │   ETR   │        │   ETR   │        │   ETR   │
  └────┬────┘   │          └────┬────┘        └────┬────┘        └────┬────┘
       │        │               │                  │                  │
       ▼        │               ▼                  ▼                  ▼
   Do you have  │          Do you need to     Do you need to     Do you need to
  the DL / FEID │            reprint the        VOID the          check the
  number for the│          temporary plate     transaction       system status
   customer     │
       │   Individual            │                  │                  │
       │   Business         Log Number        Transaction ID      (below)
       │   Data                  │                  │                  │
       │                         ▼                  ▼                  ▼
 Last Name, First Name, & DOB
 Company Name & FEID Number   Log Search         VOID           Status Check

  VIN                            │                  │                  │
Customer Number                  │                  │                  │
 DL Number                License Plate Number  Status Code       Status Code
       │                    Transaction ID          │                  │
   Customer Search          Fee Amount              │                  │
                                 │                  ▼                  ▼
                                 ▼               Dealer             Dealer
                              Dealer
   Vehicle and
   Customer query

   Log Number
   Customer and
   Vehicle Date

      Issuance

 License Plate Number
   Transaction ID
    Fee Amount

      Dealer
```

CUSTOMER SEARCH TRANSACTION (Optional)

This transaction is sent by the Dealer to search for an existing customer on the DHSMV database when the driver license number or FEID number of the customer is unknown. This search can be for an individual or business.

In order to perform a customer search the Dealer must provide a valid license prefix, license number, license suffix, pin number and account number. When searching for an individual the Dealer must provide the customer's last name, first name and date of birth. When searching for a business the Dealer must provide the company name or FEID number. If the dealer license number is successfully validated the customer search will be performed. The results of the search will be returned in an output ref cursor for individual or business along with the number of customer records found using the search criteria.

Action Router

Argument	Content
UserId	User Name for Authentication
Password	Password for Authentication
ActionType	**CS**
XmlData	Contains XmlData for the CS action code.

Input XML for CS Action Code:

NAME	Mandatory (M) Optional (O)	XML TAG
Last Name	M*	LAST_NAME
First Name	M*	FIRST_NAME
Date of Birth	M*	DOB
Company Name	M*	COMPANY_NAME
Fied Number	M*	FEID_NUM
License Number	M	LIC_NUM
License Type Code	M	LIC_TYPE_CD
License Suffix	M	LIC_SFX
Account Number	M	ACCT_NUM
Dealer Action Code	M	DLR_ACTION_CD
Pin Number	M	PIN

Action Response for CS Action Code:

Business Cursor	See XML Below
Individual Cursor	See XML Below
Number of Rows	NBR_OF_ROWS
Status Code	STATUS_CD
Status Message	STATUS_MESSAGE
Output Data	OUTPUT_DATA

Individual Customer XML:

Name	XML TAG
Customer number	CUST_NUM
Driver license number	DRIVER_LIC_NUM
First name	FIRST_NAME
Middle name	MIDDLE_NAME
Last name	LAST_NAME
Name suffix	NAME_SFX
Sex	SEX
Date of birth	DOB
Street address	STREET
City	CITY
State Code	STATE
Postal Code	POSTAL_CODE
County Code	COUNTY_CD
Country Code	COUNTRY_CD
Address Number	ADDR_NUM
Address Type Code	ADDR_TYPE_CD
Sequence number	SEQ_NUMBER
Timestamp	TIMESTAMP
Physical Location	PHYSICAL_LOCATION

Business Customer XML:

Name	XML TAG
Company Name	COMPANY_NAME
Customer Number	CUST_NUM
FEID Number	FEID_NUM
Suffix	FEID_SUFFIX
Street address	STREET
City	CITY
State Code	STATE
Postal Code	POSTAL_CODE
County Code	COUNTY_CD
Country Code	COUNTRY_CD
Address Number	ADDR_NUM
Address Type Code	ADDR_TYPE_CD
Sequence number	SEQ_NUMBER
Timestamp	TIMESTAMP
Physical Location	PHYSICAL_LOCATION

VEHICLE CUSTOMER QUERY

This transaction is sent by the Dealer to query the DHSMV database for information on a vehicle and customer.

In order to perform a vehicle / customer inquiry the Dealer must provide a valid license prefix, license number license suffix, pin number and account number. A valid Driver License number or customer number and the vehicle identification number must be provided to perform the inquiry. If the dealer license number is successfully validated the customer / vehicle query will be performed. If the query is successful, a system generated log number will be returned along with the customer and vehicle information. The log number must be used on the subsequent issue transaction.

Action Router

Argument	Content
UserId	User Name for Authentication
Password	Password for Authentication
ActionType	**VQ**
XmlData	Contains XmlData for the VQ action code.

Input XML for VQ Action Code:

NAME	Mandatory (M) Optional (O)	XML TAG
Driver License Number	M	DRIVER_LIC_NUM
Customer Number	M	CUST_NUM
Identification Number	M	VIN
License Number	M	LIC_NUM
License Type Code	M	LIC_TYPE_CD
License Suffix	M	LIC_SFX
		ACCT_NUM
Dealer Action Code	M	DLR_ACTION_CD
Pin Number	M	PIN

Action Response for VQ Action Code:

Name	XML TAG
Dealer Log Number	DLR_LOG_NUM
Last Name	LAST_NAME
First Name	FIRST_NAME
Date of Birth	DOB
Middle Name	MIDDLE_NAME
Sex	SEX
Name Suffix	NAME_SFX
Company Name	COMPANY_NAME
State Code	STATE
Country Code	COUNTRY_CD
Street Address	STREET
Zip Plus	ZIP4
City	CITY

Zip Code	ZIP
Foreign Postal Code	FOREIGN_POSTAL_CD
County Code	COUNTY_CD
Address Timestamp	ADDR_TIMESTAMP
Address Number	ADDR_NUM
Address Type Code	ADDR_TYPE_CD
Vehicle Type	VEH_TYPE
Vehicle Number	VEH_NUM
Year Make	YEAR_MAKE
Major Color Code	MJR_COLOR_CD
Minor Color Code	MNR_COLOR_CD
Body Code	BODY_CD
Make Code	MAKE_CD
Net Weight	NET_WEIGHT
Gross Vehicle Weight	GROSS_VEH_WEIGHT
Length Feet	LENGTH_FEET
Brake Horse Power	BRAKE_HORSE_POWER
Cubic Centimeters	CUBIC_CENTIMETERS
In House Make	IN_HOUSE_MAKE
Customer Type	CUST_TYPE
FEID Number	FEID_NUM
Status Code	STATUS_CD
Status Message	STATUS_MESSAGE
Output Data	OUTPUT_DATA

ISSUE ELECTRONIC TEMPORARY REGISTRATION

This transaction is sent by the Dealer to issue an ETR. The temporary license plate can be issued from existing Dealer temporary license plate stock or issued from the DHSMV temporary license plate sequence generator.

In order to perform an 'IS' transaction, the Dealer must submit a valid log number from a successful 'VQ' action code for the vehicle identification number identified on the 'IS transaction. A valid license prefix, license number, license suffix, pin number and account number and all required vehicle and customer input must be provided.

Customer

If the customer does not exist on the database, the "IS" transaction should set the customer number = null and the address update code = 'N'. A new customer and mailing address record will be created on the database.

If the customer exists on the database and the mailing address needs to be updated, the "IS" transaction should return the customer number and address number from the VQ Action Response and set the address update code = 'U'. The customer mailing address information will be updated on the database.

If a customer exists on the database without a mailing address, the 'IS' transaction should return the customer number from the VQ Action Response and set the address update code = 'X'. The mailing address will be created on the database.

Vehicle

If the vehicle does not exist on the database, the IS transaction should set the vehicle number = null and populate all the required vehicle input fields. The vehicle information will be validated according to the business rules and code tables provided. If the vehicle passes all edits, the vehicle will be created on the database.

If the vehicle exist on the database, the IS transaction should return the vehicle number from the VQ Action Response and populate all the required vehicle input fields. The vehicle information will be validated according to the business rules and code tables provided.

If the vehicle exists on the database and the color of the vehicle needs to be update, the IS transaction should return the vehicle number from the VQ Action Response and set the color update flag = 'T' and populate all the required vehicle input fields. The vehicle information will be validated according to the business rules and code tables provided.

If the vehicle exists on the database and the gross vehicle weight (GVW) of the vehicle needs to be updated, the IS transaction should return the vehicle number from the query and set the GVW update flag = 'T' and populate all the required vehicle input fields. The vehicle information will be validated according to the business rules and code tables provided.

If the vehicle is currently titled in Florida, there are several business rules that will not allow the issuance of an ETR they are as follows: Salvage type equals FLOOD,

UNREBUILDABLE, or THEFT. Title status is CANCELLED, DUPLICATE CERTIFICATE OF DESTRUCTION, CERTIFICATE OF DESTRUCTION, JUNKED, CORRECTION CERTIFICATE OF DESTRUCTION.

Insurance information will be required for vehicle type 'AU', 'BS', 'TR', 'AM'.

Issuance
　　　　If the dealer is going to issue an ETR generated by the DHSMV sequence number and printed on demand, the IS transaction should set the control number and populate the license plate number with null. Once the temporary license plate has been assigned the registration is complete.

　　　　If the dealer is going to issue an ETR from stock on hand, the IS transaction should set the control number to null and populate the license plate number with the paper plate to be issued. The plate number entered must be assigned to the dealer issuing the temporary license plate. Once the temporary license plate has been assigned the registration is complete.

Action Router

Argument	Content
UserId	User Name for Authentication
Password	Password for Authentication
ActionType	**IS**
XmlData	Contains XmlData for the IS action code.

Input XML for IS Action Code:

NAME	Mandatory (M) Optional (O)	XML TAG
Customer number	M	CUST_NUM
Identification Number	M	VIN
Control Number		CONTROL_NUM
License Number	M	LIC_NUM
License Type Code	M	LIC_TYPE_CD
License Suffix	M	LIC_SFX
Account Number	M	ACCT_NUM
Dealer Action Code	M	DLR_ACTION_CD
Pin Number	M	PIN
Dealer Log Number		DLR_LOG_NUM
New Vehicle Flag		NEW_VEH_FLAG
Registration Use		REG_USE
Vehicle Type	M	VEH_TYPE
Vehicle Number		VEH_NUM
Year Make		YEAR_MAKE
Major Color Code		MJR_COLOR_CD
Minor Color Code		MNR_COLOR_CD
Body Code		BODY_CD
Make Code		MAKE_CD
Net Weight		NET_WEIGHT

Gross Vehicle Weight		GROSS_VEH_WEIGHT
Length Feet		LENGTH_FEET
Brake Horse Power		BRAKE_HORSE_POWER
Cubic Centimeters		CUBIC_CENTIMETERS
GVW Update Flag		GVW_UPDATE_FLAG
Color Update Flag		COLOR_UPDATE_FLAG
Address Update Code		ADDR_UPDATE_CD
Company Name	M/O	COMPANY_NAME
Last Name	M*	LAST_NAME
First Name	M*	FIRST_NAME
Date of Birth	M*	DOB
Middle name		MIDDLE_NAME
Sex		SEX
Name Suffix		NAME_SFX
State Code		STATE
Country Code		COUNTRY_CD
Street Address		STREET
Zip Plus		ZIP4
City		CITY
Zip Code		ZIP
Foreign Postal Code		FOREIGN_POSTAL_CD
County Code		COUNTY_CD
Address Number		ADDR_NUM
License Plate Number	M/O	LIC_PLT_NUM
License Plate Code		LIC_PLT_CD
Effective Date		EFF_DATE
Insurance Company Code	M/O	INS_COMPANY_CODE
Insurance Number	M/O	INS_NUMBER
Insurance Type	M/O	INS_TYPE

Action Response for IS Action Code:

Name	XML TAG
Customer Number	CUST_NUM
License Plate Number	LIC_PLT_NUM
License Plate Code	LIC_PLT_CD
Transaction id	TRANS_ID
Charged Fee Amount	CHARGED_FEE_AMT
Expiration Date	EXP_DATE
Status Code	STATUS_CD
Status Message	STATUS_MESSAGE
Output Data	OUTPUT_DATA

VOID ELECTRONIC TEMPORARY REGISTRATION

This transaction is sent by the Dealer to void an existing ETR transaction. The void transaction must be processed on the same day as the original transaction by the issuing Dealer.

In order to perform a 'VD' transaction, the Dealer must provide a valid license prefix, license number, license suffix, pin number and account number. A valid transaction ID for a transaction previously performed by the Dealer on the same day must be provided. The customer number and identification number are required as well. If the Dealer's License and Transaction ID are successfully validated the void transaction will be processed. If the void is successful an 'OK' status will be returned in the output.

Action Router

Argument	Content
UserId	User Name for Authentication
Password	Password for Authentication
ActionType	**VD**
XmlData	Contains XmlData for the VD action code.

Input XML for VD Action Code:

NAME	Mandatory (M) Optional (O)	XML TAG
Customer Number	M	CUST_NUM
Identification Number	M	VIN
License Number	M	LIC_NUM
License Type Code	M	LIC_TYPE_CD
License Suffix	M	LIC_SFX
Account Number	M	ACCT_NUM
Dealer Action Code	M	DLR_ACTION_CD
Pin Number	M	PIN
Transaction ID	M	TRANS_ID

Action Response for VD Action Code:

Name	XML TAG
Status Code	STATUS_CD
Status Message	STATUS_MESSAGE
Output Data	OUTPUT_DATA

ISSUANCE LOG SEARCH TRANSACTION (Optional)

This transaction is sent by the Dealer to search for an existing ETR issuance by log number and VIN number for the purpose of reprinting the temporary license plate.

In order to perform an issuance search the Dealer must provide a valid log number and VIN number combination from a successful issuance. If the log number and VIN number are successfully validated the issuance search will be performed. The results of the search will be returned in the output.

Action Router

Argument	Content
UserId	User Name for Authentication
Password	Password for Authentication
ActionType	**LS**
XmlData	Contains XmlData for the LS action code.

Input XML for LS Action Code:

NAME	Mandatory (M) Optional (O)	XML TAG
Identification Number	M	VIN
Dealer Log Number	M	DLR_LOG_NUM

Action Response for LS Action Code:

Name	XML TAG
Customer Number	CUST_NUM
License Plate Number	LIC_PLT_NUM
License Plate Code	LIC_PLT_CD
Transaction id	TRANS_ID
Charged Fee Amount	CHARGED_FEE_AMT
Expiration Date	EXP_DATE
Status Code	STATUS_CD
Status Message	STATUS_MESSAGE
Output Data	OUTPUT_DATA

STATUS CHECK TRANSACTION (Optional)

This transaction is sent by the Dealer to verify the status of the ETR system
Only a valid USERID and password are required. The results of the search will be
returned in the output.

Action Router

Argument	Content
UserId	User Name for Authentication
Password	Password for Authentication
ActionType	**SC**
XmlData	Null

Action Response for SC Action Code:

Name	XML TAG
Status Code	STATUS_CD
Status Message	STATUS_MESSAGE
Output Data	OUTPUT_DATA

ETR Data Dictionary

Element Name	Element Description	Size	XML Tag
Account Number	Customer Number of the ETR Vendor	VARCHAR2(10)	ACCT_NUM
Address Number	Technical key used to uniquely identify address	NUMBER(10)	ADDR_NUM
Address Timestamp	Last Address change date (YYYYMMDD)	VARCHAR2(8)	ADDR_TIMESTAMP
Address Type Code	Address type indicator M- Mailing, R-Residential	VARCHAR2(2)	ADDR_TYPE_CD
Address Update Code	Flag used to indicated an address change (N, U, X or NULL)	VARCHAR2(1)	ADDR_UPDATE_CD
Body Code	Body style of Vehicle	VARCHAR2(2)	BODY_CD
Brake Horse Power	Brake / Horse power for motorcycles	NUMBER(4)	BRAKE_HORSE_POWER
Business Cursor	Name and address information	VARCHAR2(250)	(Out XML of Web Service)
Charged Fee Amount	Fee amount charged for the Temporary registration	NUMBER(19)	CHARGED_FEE_AMT
City	City	VARCHAR2(30)	CITY
Color Update Flag	Flag used to indicate a color change	VARCHAR2(1)	COLOR_UPDATE_FLAG
Company Name	Company Name (Individual or business is req.)	VARCHAR2(53)	COMPANY_NAME
Control Number	Audit control number printed on tag	NUMBER(10)	CONTROL_NUM
Country Code	Country	VARCHAR2(2)	COUNTRY_CD
County Code	County	NUMBER(2)	COUNTY_CD
Cubic Centimeters	Actual size of the motorcycle engine	NUMBER(4)	CUBIC_CENTIMETERS
Customer Number	Technical key used to uniquely identify the customer	NUMBER(10)	CUST_NUM
Customer Type	Customer Type Indicator (B, I)	VARCHAR2(2)	CUST_TYPE
Date of Birth	Customer date of Birth (YYYYMMDD)	VARCHAR2(8)	DOB
Dealer Action Code	Transaction code for the action requested.	VARCHAR2(3)	DLR_ACTION_CD
Dealer Log Number	Technical key used to uniquely identify the a successful query	NUMBER(10)	DLR_LOG_NUM
Driver license number	Driver License number of Customer	VARCHAR2(13)	DRIVER_LIC_NUM
Effective Date	The effective date of the registration	DATE	EFF_DATE
FEID Number	Federal Employer Identification Number	NUMBER(9)	FEID_NUM
First Name	First Name of Customer	VARCHAR2(16)	FIRST_NAME
Foreign Postal Code	Foreign Postal Code	VARCHAR2(10)	FOREIGN_POSTAL_CD
Gross Vehicle Weight	Maximum load capacity of Vehicle	NUMBER(6)	GROSS_VEH_WEIGHT
GVW Update Flag	Flag use to indicate a GVW change	VARCHAR2(1)	GVW_UPDATE_FLAG
Identification Number	Vehicle Identification Number (VIN)	VARCHAR2(21)	VIN
Individual Cursor	Name and address information	VARCHAR2(261)	(Out XML of Web Service)
In House Make	In house make code		IN_HOUSE_MAKE
Insurance Company Code	The code used to identify the Insurance Company (Required for AU, TR, BS, AM)	NUMBER(5)	INS_COMPANY_CODE
Insurance Number	The insurance number (Required for AU, TR, BS, AM)	VARCHAR2(35)	INS_NUMBER
Insurance Type	The code used to identify the type of insurance (A,B,C,F,N,M,P,S)	VARCHAR2(2)	INS_TYPE
Last Name	Last Name of Customer	VARCHAR2(20)	LAST_NAME
Length Feet	Length of Vessel	NUMBER(3)	LENGTH_FEET

License Number	Number assigned to uniquely identify the Dealer	NUMBER(10)	LIC_NUM
License Plate Code	License plate type code	VARCHAR2(3)	LIC_PLT_CD
License Plate Number	License plate number	VARCHAR2(10)	LIC_PLT_NUM
License Suffix	Uniquely identifies the each location for a License number	NUMBER(3)	LIC_SFX
License Type Code	Identifies the License Type (VF, VI) etc.	VARCHAR2(3)	LIC_TYPE_CD
Major Color Code	Major Vehicle color	VARCHAR2(3)	MJR_COLOR_CD
Make Code	Make code of Vehicle	VARCHAR2(5)	MAKE_CD
Middle name	Middle name of Customer	VARCHAR2(16)	MIDDLE_NAME
Minor Color Code	Minor Vehicle Color	VARCHAR2(3)	MNR_COLOR_CD
Name Suffix	Code representation of name suffix 1 Sr. 2 Jr. 3 III	VARCHAR2(1)	NAME_SFX
Net Weight	Empty weight of Vehicle	NUMBER(6)	NET_WEIGHT
New Vehicle Flag	Flag used to indicated if that the vehicle did not exist previously(T, Null)	CHAR(1)	NEW_VEH_FLAG
Number of Rows	Number of records returned from search	NUMBER(10)	NUM_OF_ROWS
Output Data	Output data for transaction performed	VARCHAR2(5000)	OUTPUT_DATA
Physical Location	Landmark Description of address location	VARCHAR2(50)	PHYSICAL_LOCATION
Pin Number	Secured pin number provided by the Dealer	VARCHAR2(10)	PIN
Postal Code	Zip Code - Zip plus	VARCHAR2(10)	POSTAL_CODE
Registration Use	VARCHAR2	VARCHAR2(2)	REG_USE
Sequence number	Technical key used to uniquely identify the address sequence	NUMBER(10)	SEQ_NUMBER
Sex	Sex of Customer (M, F or Null)	VARCHAR2(1)	SEX
State Code	State	VARCHAR2(2)	STATE
Status Code	Status indicator for transaction performed	VARCHAR2(2)	STATUS_CD
Status Message	Status message for transaction performed	VARCHAR2(30)	STATUS_MESSAGE
Street address	Address number and Street Name ((Includes apt#)	VARCHAR2(50)	STREET
Suffix	Federal Employer Identification Number Suffix	NUMBER(2)	FEID_SUFFIX
Timestamp	Last change date	NUMBER(8)	TIMESTAMP
Transaction ID	Technical key used to uniquely identify the transaction	NUMBER(10)	TRANS_ID
Vehicle Number	Technical key used to uniquely identify the vehicle	NUMBER(10)	VEH_NUM
Vehicle Type	VARCHAR2	VARCHAR2(2)	VEH_TYPE
Year Make	Year vehicle was a manufactured	NUMBER(4)	YEAR_MAKE
Zip Code	5 digit zip code	NUMBER(5)	ZIP
Zip Plus	4 digit zip plus	NUMBER(4)	ZIP4

ETR ERROR MESSAGES

The following is a list of possible error messages. These messages may be expanded as the system is developed.

1	A REQUIRED DEALER KEY IS MISSING
2	A REQUIRED INPUT FIELD(S) WAS NULL. VEHICLE TYPE/REGISTRATION USE
3	A VEHICLE DETAIL IS MISSING OR INCORRECT. DEPENDING ON VEHICLE TYPE ENTER THE CORRECT NET WEIGHT, HORSEPOWER, CUBIC CENTIMETERS, LENGTH OR VEHICLE GROSS WEIGHT
4	ACCOUNT NUMBER IS NOT NUMERIC
5	ACCOUNT NUMBER IS NULL
6	ACCOUNT NUMBER IS REQUIRED
7	ADDRESS NUMBER MUST BE NULL ON A CREATE ADDRESS
8	ADDRESS NUMBER REQUIRED ON AN ADDRESS UPDATE
9	ADDRESS UPDATE CODE IS INVALID
10	AGENCY NAME IS NOT POPULATED IN AGENCY TABLE
11	BAD INSERT
12	BOTH LAST NAME AND COMPANY NAME ARE POPULATED. IS THIS A BUSINESS OR AN INDIVIDUAL
13	BOTH MAKE_CODE AND IN_HOUSE_MAKE_CODE ARE POPULATED. PLEASE CHOOSE ONE OR THE OTHER
14	BRAKE HORSEPOWER OR CUBIC CENTIMETERS IS REQUIRED FOR VEHICLE TYPE
15	CANNOT CHANGE A DL CUSTOMER ADDRESS OUTSIDE OF USA
16	CANNOT ISSUE A LICENSE PLATE FOR A REBUILDABLE FLOOD SALVAGE TYPE
17	CANNOT ISSUE A LICENSE PLATE FOR A REBUILDABLE SALVAGE TYPE
18	CANNOT ISSUE A LICENSE PLATE FOR A THEFT SALVAGE TYPE
19	CHECK INPUT VEHICLE NUMBER AND MAKE SURE IT MATCHES THE ONE RETURNED IN P_QUERY PROCEDURE
20	COLOR CODE NOT ALLOWED
21	CONTROL NUMBER IS NULL
22	CUSTOMER NOT FOUND
23	CUSTOMER NUMBER IS NULL
24	CUSTOMER NUMBER MUST BE PRESENT AND ADDRESS NUMBER MUST BE NULL ON ADDRESS CHANGE CODE OF X
25	CUSTOMER ROLE DOES NOT ALLOW ADDRESS CHANGE
26	D.L. NUMBER NOT FOUND
27	DEALER EXPIRATION DATE ERROR
28	DEALER NOT FOUND
29	DETACHED REGISTRATION.
30	DISTRIBUTION HAS ALREADY BEEN DONE FOR TRANSACTION
31	DLN AND VIN IS NULL
32	DRIVER LICENSE NUMBER IS NULL
33	DRIVER LICENSE NUMBER XXXXXX NOT FOUND
34	EFFECTIVE DATE IS GREATER THAN TODAY
35	ERROR DETERMINING SEARCH FIELDS
36	ERROR ON CALL TO GET VEHICLE BY VIN
37	ERROR ON FETCH OF l_business_ref
38	ERROR ON FETCH OF l_individual_ref
39	EXCLUDED FILE SCAN ERROR

40	FUNCTION ERROR
41	GET ERROR ON FUNCTION
42	GET REGISTRATION NUMBER FAILED
43	GROSS VEHICLE WEIGHT IS NULL IN VEHICLE SUB TYPE TRUCK
44	GROSS VEHICLE WEIGHT IS REQUIRED FOR VEHICLE TYPE
45	GVW MUST BE GREATER THAN NET WEIGHT
46	HIS VOID HAS BEEN ALREADY BEEN DONE
47	HORSE POWER AND CUBIC CENTIMETERS ARE NULL IN VEHICLE SUB TYPE MOTORCYCLE
48	HSP OR CC OUT OF RANGE
49	IDENTIFICATION NUMBER AND CUSTOMER NUMBER ARE REQUIRED FIELDS
50	IDENTIICATION NUMBER IS NULL
51	INCORRECT AGENCY TYPE
52	INSERT ERROR ON FUNCTION
53	INSURANCE IS REQUIRED FOR VEHICLE TYPE
54	INVALID COLOR CODE
55	INVALID CUSOTMER TYPE
56	INVALID DATE FORMAT
57	INVALID DEALER LICENSE TYPE
58	INVALID MAJOR COLOR
59	INVALID MINOR COLOR
60	INVALID NET WEIGHT RANGE
61	INVALID NEW VEHICLE CODE
62	INVALID RANGE
63	INVALID VEHICLE TYPE
64	INVALID VEHICLE TYPE BODY CODE COMBINATION
65	INVALID VEHICLE TYPE, BODY CODE, NET WEIGHT COMBINATION
66	ISSUE NOT ALLOWED FOR MULTIPLE VINS
67	LAST NAME, FIRST NAME AND DATE OF BIRTH REQUIRED
68	LENGTH FEET IS REQUIRED FOR VEHICLE TYPE
69	LENGTH IS NULL IN VEHICLE SUB TYPE TRAVEL TRAILER
70	LENGTH OUT OF RANGE
71	LICENSE PLATE NOT ASSIGNED TO DEALER LICENSE
72	LICENSE PLATE NUMBER XXXXXX HAS BEEN VOIDED.
73	LICENSE PLATE XXXXXX HAS ALREADY BEEN ISSUED
74	LOG NUMBER IS NULL
75	MAJOR COLOR CODE IS REQUIRED FOR UPDATE
76	MAKE NOT FOUND
77	MUST HAVE BRAKE HORSE POWER OR CUBIC CENTIMETERS FOR MOTORCYCLES.
78	MUST HAVE MAJOR COLOR CODE IF MINOR CODE IS ENTERED
79	NET WEIGHT IS GREATER THAN OR EQUAL GROSS VEHICLE WEIGHT
80	NET WEIGHT IS NULL IN VEHICLE SUB TYPE AUTO
81	NET WEIGHT IS NULL IN VEHICLE SUB TYPE BUS
82	NET WEIGHT IS NULL IN VEHICLE SUB TYPE TOOLS
83	NET WEIGHT IS NULL IN VEHICLE SUB TYPE VEHICLE
84	NET WEIGHT IS REQUIRED FOR VEHICLE TYPE
85	NO ADDRESS FOR THIS CUSTOMER
86	NO GROSS VEHICLE WEIGHT HAS BEEN ENTERED
87	NO REGISTRATION ATTACHED
88	NO VEHICLE NUMBER ENTERED
89	NOT FOUND
90	NOT FOUND, CURSOR IS EMPTY

91	NULL ENTRY
92	NULL INPUT
93	NULL VARIABLE(S)
94	NUMBER MUST BE NULL ON ADDRESS CHANGE CODE OF X
95	ONLY TWO TEMPORARY REGISTRATIONS ARE ALLOWED
96	ONLY VEHICLE TYPES TOOLS(TO), TRAVEL TRAILER (TT) AND VEHICLE TRAILER (VT) CAN USE IN HOUSE MAKE
97	OUT OF VOID RANGE
98	PENDING EFS TRANSACTION
99	PLATE ALREADY ISSUED ERROR
100	QUERY ERROR ON FUNCTION
101	RECORD MISMATCH ERROR
102	REGISTRATION NOT ALLOWED ON CANCEL REASON OF
103	REGISTRATION NOT ALLOWED ON TITLE STATUS CODES OF
104	REQUIRED FIELDS ON THE INITIAL INQUIRY: DRIVER LICENSE NUMBER OR CUSTOMER NUMBER, VEHICLE IDENTIFICATION NUMBER, DEALER LICENSE NUMBER, DEALER LICENSE CODE, DEALER LICENSE SUFFIX, USER ID AND A DEALER ACTION CODE OF "QU"
105	S.P. FLAG IS TRUE. CANNOT CREATE OR UPDATE THE ADDRESS.
106	STATE CODE IS NULL.
107	STATE CODE NOT FOUND
108	STREET ADDRESS IS LIMITED TO 30 CHARACTERS.
109	THIS CUSTOMER AND VEHICLE HAVE HAD A TEMPORARY REGISTRATION ISSUED TODAY. YOU MUST VOID XXXXX TO CONTINUE.
110	THIS DEALER DID NOT ISSUE THE FIRST REGISTRATION.
111	THIS INSURANCE COMPANY CODE AND INSURANCE TYPE COMBINATION IS NOT ALLOWED
112	THIS INSURANCE TYPE IS NOT ALLOWED
113	THIS V.I.N. ALREADY EXISTS
114	TO MANY ROWS RETURNED
115	TRANSACTION ID IS NULL
116	TRANSACTION ID, VEHICLE IDENTIFICATION NUMBER AND CUSTOMER NUMBER ARE REQUIRED
117	TRANSACTION_ID IS NULL FOR IDENTIFICATION NUMBER
118	UPDATE ERROR ON FUNCTION
119	UPDATE NOT PERFORMED.
120	USER ID IS NULL
121	V.I.N. CANNOT HAVE AN I
122	V.I.N. CANNOT HAVE AN I OR AN O
123	V.I.N. CANNOT HAVE AN O
124	V.I.N. CANNOT HAVE SPECIAL CHAR
125	V.I.N. IS NULL
126	V.I.N. NOT FOUND
127	V.I.N. ON DATA BASE DOES NOT MATCH INPUT IDENTIFICATION NUMBER
128	VEHICLE ALREADY EXISTS
129	VEHICLE COLOR IS REQUIRED FOR VEHICLE TYPE
130	VEHICLE IDENTIFICATION NUMBER IS A REQUIRED FIELD
131	VEHICLE NUMBER FIELD IS NOT POPULATED
132	VEHICLE NUMBER IS NULL ON A CREATE
133	VEHICLE TYPE NOT ELIGIBLE
134	VEHICLE TYPE ON DATA BASE DOES NOT MATCH INPUT VEHICLE TYPE

135   VEHICLE TYPE/REG USE COMBO NOT FOUND
136   VIN AND CUSTOMER NUMBER ARE NULL.
137   VIN MODIFICATION ERROR
      WRONG TRANSACTION ID, DRIVERS LICENSE NUMBER OR
138   IDENTIFICATION NUMBER
139   YEAR MAKE IS OUT OF RANGE

Code Tables

The code tables listed below can be found on the departments WEB site at the following link. http://www.flhsmv.gov/etr/CodeTables.html

Vehicle Type
Vehicle Body Type
Vehicle Color
Make Type
Country
State
County
Insurance Company